

## Product datasheet for **RR203844**

### Exosc4 (NM\_001134860) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Exosc4 (NM\_001134860) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Exosc4  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR203844 representing NM\_001134860  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGATCGCC

ATGGCCGGGCTGGAGCTCCTGTCCGATCAGGGTTACCGGATAGACGGTCGCCGCGGGGGAGCTGCGCA  
AGATTCAGGCGCGGATGGCGTGTTCGCGAGGCCGATGGCTCGGCTTATATCGAGCAGGGCAACACCAA  
GGCACTGGCGGTGGTCTACGGGCTCAGGAGATCCGGGCTCCCGGTCACGGGCTCGCTGACCCGGCT  
CTAGTGAAGTGTAGTACAGTTACGCAACCTTCAGCACAGGTGAGCGCAAGCGAAGGCCTCATGGAGACC  
GGAAGTCTTGTGAGATGGGGCTGCAGCTACGCCAGACCTTCGAGGCAGCTATCCTCACACAGCTGCACCC  
ACGTTCTCAGATAGACATTTATGTGCAGGTGCTACAAGCAGACGGTGGGACCTATGCAGCATGTGTGAAT  
GCAGCCACGCTAGCAGTATGGATGCTGGGATACCCATGCGGGACTTTGTGTGTCATGTTGCGGTGGTT  
TTGTGGATGGCACAGCACTAGCGGACCTCAGTCACGTGGAGGAAGCAGCTGGCGGGCCCCAGCTAGCCCT  
GGCCCTGCTGCCAGCCTCTGGCCAGATTGCACTGCTTGGATGGATTGAGGTTGCATGAAGACCACTTG  
GAGCAGGTGCTCGAGGCTGCTGCCAGGCAGCCGGGATGTGCACACTCTGCTGGATCGTGTGCCGGC  
AGCATGTGCAGGAGGCCCTATCTTACTGGGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR203844 representing NM\_001134860  
Red=Cloning site Green=Tags(s)

MAGLELLSDQGYRIDGRRAGELRKIQARMGVFAQADGSAYIEQGNTKALAVVYGPHEIRGSRSRALPDRA  
LVNCQYSSATFSTGERKRRPHGDRKSCMGLQLRQTFEAAITLQLHPRSQIDIYQVLQADGGTYAACVN  
AATLAVMDAGIPMRDFVCACSAGFVDGTALADLSHVEEAAGPQLALALLPASGQIALLEMDSRLHEDHL  
EQVLEAAAQAARDVHTLLDRVVRQHVQEASILLGD

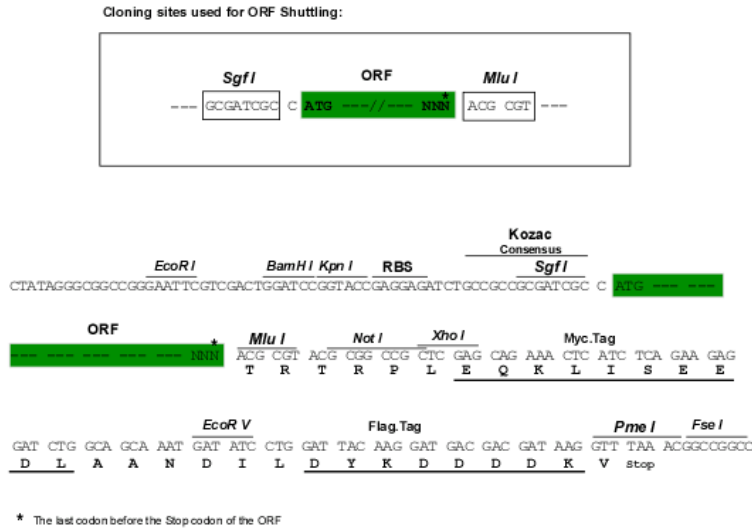
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



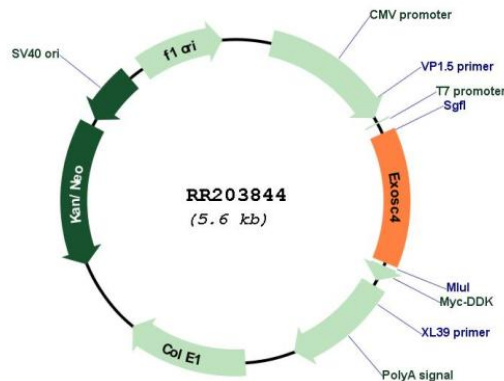
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001134860

ORF Size: 735 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u>NM_001134860.1, NP_001128332.1</u>
<b>RefSeq Size:</b>	1106 bp
<b>RefSeq ORF:</b>	738 bp
<b>Locus ID:</b>	300045
<b>Cytogenetics:</b>	7q34
<b>MW:</b>	26.4 kDa